

# 2.4 GHz Cordless Telephone

## Caller ID/Call Waiting ID

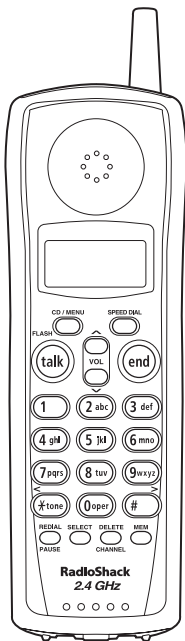
### 43-3548

**20-Number Memory Dialing** — lets you store up to 20 numbers in memory for easy dialing. (See “Storing Phone Numbers and Names” on page 20.)

**Ample Talk and Standby Time** — the supplied battery (when fully charged) provides about 7 hours of talk time or 14 days of standby time.






**Headset Jack** — lets you connect an optional headset for hands-free convenience. (See “Using a Headset” on page 33.)

**Auto Talk**— lets you set the phone to answer a call by simply lifting the handset from the base.



### ! IMPORTANT !

If an icon appears at the end of a paragraph, go to the box on that page with the corresponding icon for pertinent information.

 — Warning    — Important    — Caution    — Hint    — Note

OWNER'S MANUAL

Please read before using this equipment.



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### NOTE

You must not connect your phone to:

- coin-operated systems
- party-line systems
- most electronic key telephone systems



As an ENERGYSTAR Partner, RadioShack Corporation has determined that this product meets the ENERGYSTAR guidelines for energy efficiency.

## IMPORTANT INFORMATION

This telephone has been tested and found to comply with all applicable UL and FCC standards.

### FCC STATEMENT

Your telephone complies with Part 68 of the FCC Rules. Upon request, you must provide the phone's FCC registration number and REN to your phone company. These numbers are on the base unit.

Your phone is not intended to be used with party-line systems. Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission, or corporation commission for information. ☑

We have designed your phone to conform to federal regulations, and you can connect it to most telephone lines. However, each phone (and each device, such as a telephone or answering machine) that you connect to the telephone line draws power from the telephone line. We refer to this power draw as the device's ringer

**WARNING:** To reduce the risk of fire or shock hazard, do not expose this product to rain or moisture.



**CAUTION**  
RISK OF ELECTRIC SHOCK  
DO NOT OPEN



**CAUTION:** TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER OR BACK. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.



The lightning symbol is intended to alert you to the presence of uninsulated dangerous voltage within this product's enclosure that might be of sufficient magnitude to constitute a risk of electric shock. Do not open the product's case.



The exclamation symbol is intended to inform you that important operating and maintenance instructions are included in the literature accompanying this product.

equivalence number, or REN on the back of your phone.

If you use more than one phone or other device on the line, add up all of the RENs. If the total is more than five (three in rural areas), your telephones might not ring. If ringer operation is impaired, remove a device from the line.

In the unlikely event that your phone causes problems on the phone line, the phone company can temporarily discontinue your service. If this happens, the phone company attempts to notify you in advance. If advance notice is not practical, the phone company notifies you as soon as possible and advises you of your right to file a complaint with the FCC.

Also, the phone company can make changes to its lines, equipment, operations, or procedures that could affect the operation of this phone. The telephone company notifies you of these changes in advance, so you can take the necessary steps to prevent interruption of your telephone service.

## **SURGE PROTECTION**

Your telephone has built-in protection circuits to reduce the risk of damage from surges in telephone line and power line current. These protection circuits meet or exceed the FCC requirements. However, lightning striking the telephone or power lines can damage your telephone.

Lightning damage is not common. Nevertheless, if you live in an area that has severe electrical storms, we suggest that you unplug your phone when storms approach to reduce the possibility of damage.

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# IMPORTANT SAFETY INSTRUCTIONS

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product.
3. Never install telephone wiring during a lightning storm.
4. Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
5. Never touch uninstalled telephone wires or terminals unless the telephone line has been disconnected at the network interface.
6. Use caution when installing or modifying telephone lines.
7. Do not fix the AC power supply cord to building surfaces with metal fittings (if the product has an AC power cord).
8. Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
9. Do not use this product near water, for example, near a bathtub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool.
10. Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.
11. Slots and openings in the cabinet and the back or bottom are provided for ventilation. To protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation unless proper ventilation is provided.
12. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your local power company.

13. Do not allow anything to rest on the power cord. Do not locate this product where the cord will be stepped on.
14. Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.
15. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the product.
16. To reduce the risk of electric shock, do not disassemble this product. Take it to a qualified service technician when service or repair work is required. Opening or removing covers may expose you to dangerous voltage or other risks. Incorrect reassembly can cause electric shock when the product is subsequently used.
17. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
  - When the power cord plug is damaged or frayed.
  - If liquid has been spilled, into the product.
  - If the product has been exposed to rain or water.
  - If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions because improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
  - If the product has been dropped or the cabinet has been damaged.
  - If the product exhibits a distinct change in performance.
18. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
19. Do not use the telephone to report a gas leak in the vicinity of the leak.

## **BATTERY SAFETY INSTRUCTIONS**

To reduce the risk of fire or injury, read and follow these instructions

1. Use only the appropriate type and size battery pack specified in the instruction manual provided for this product.
2. Do not dispose of the battery pack in a fire. The cell may explode. Check with local codes for possible special disposal instructions.
3. Do not open or mutilate the battery pack. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
4. Exercise care in handling the battery pack in order not to short it with conducting materials such as rings, bracelets, and keys. The battery or conductor may overheat and cause burns.
5. Charge the battery pack provided or identified for use with this product only in accordance with the instructions and limitations specified in the instruction manual provided for this product.
6. Observe proper polarity orientation between the battery pack and battery charger.

## **SAVE THESE INSTRUCTIONS**

# INTRODUCTION

Thank you for purchasing a RadioShack 2.4 GHz Cordless Telephone. Your phone uses advanced technology to give you superior audio quality and extended range. The phone's Caller ID unit records each caller's telephone number (and name, if available in your area) and the date and time of the call, as provided by your local phone company to Caller ID service subscribers. If you subscribe to Call Waiting with Caller ID, the phone shows you the incoming caller information, even when you are already talking on the phone.

Cordless phones require AC power to operate. When the power is off, you cannot make or receive calls using your phone. You should also have a phone that does not need AC power to operate (not a cordless phone), so you can still make and receive calls if there is an AC power failure. !

## **! IMPORTANT !**

- When AC power is lost, the phone loses the security access-protection code connection between the base and the hand-set. When power is restored, put the handset on the base briefly to restore this connection so you can use the handset.
- Your phone operates on standard radio frequencies as allocated by the FCC.
- It is possible for other radio units operating nearby on similar frequencies to unintentionally intercept your conversation or cause interference. This possible lack of privacy can occur with any cordless phone.

## CAUTION



You must use a Class 2 power source

that supplies 9V DC and delivers at least 210 mA. Its center tip must be set to positive and its plug must fit the phone's **DC IN 9V** jack. The supplied adapter meets these specifications. Using an adapter that does not meet these specifications could damage the phone or the adapter.

- Always connect the AC adapter to the phone before you connect it to AC power. When you finish, disconnect the adapter from AC power before you disconnect it from the phone.

## NOTE

- If your home has specially wired alarm equipment connected to the telephone line, be sure that installing the system does not disable your alarm equipment. If you have questions about what will disable alarm equipment, contact your telephone company or a qualified installer.
- The USOC number of the jack to be installed is RJ11C (or RJ11W for a wall plate jack).


# INSTALLATION


Before using your phone, carefully peel the protective film off the display. The film protects the handset window during shipment and is not necessary for use.

## SELECTING A LOCATION

You can place the phone's base on a desk or table, or mount it on a standard wall plate or directly on a wall. Select a location that is:

- near an accessible AC outlet
- near a telephone line jack
- out of the way of normal activities
- away from electrical machinery, electrical appliances, metal walls or filing cabinets, wireless intercoms, alarms, and room monitors
- away from other cordless phones

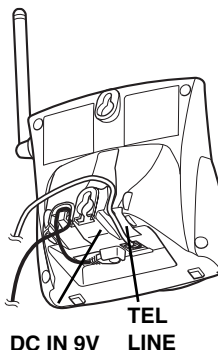
The base's location affects the handset's range. If you have a choice of several locations, try each to see which provides the best performance. 

Your telephone connects directly to a modular telephone line jack. If your telephone wiring does not have a modular jack, you can update the wiring yourself using jacks and adapters (available at your local RadioShack store), or have the telephone company update the wiring for you. You must use compatible modular jacks that are compliant with Part 68 of *FCC Rules*. 



## On a Desk Top

1. Plug one end of the supplied long modular cord into the **TEL LINE** jack on the back of the base.
2. Plug the modular cord's other end into a modular phone line jack.
3. Insert the supplied AC adapter's barrel plug into the **DC IN 9V** jack on the back of the base.
4. Route the adapter's cord through the strain relief slot on the base, then plug the adapter into a standard AC outlet.
5. Lift the base's antenna to a vertical position.



## On a Wall Plate

1. Plug one end of the supplied short modular cord into the **TEL LINE** jack on the back of the base. Then insert the supplied AC adapter's barrel plug into the **DC IN 9V** jack on the back of the base.
2. Route the adapter and modular cords through the grooves on the bottom of the base.
3. Plug the short modular cord into the wall plate jack, then align the base's keyhole slots with the wall plate studs and slide the base down to secure it.

4. Plug the adapter into a standard AC outlet.
5. Lift the base's antenna to a vertical position.

### **On a Wall**

To mount the phone directly on a wall, you need two screws (not supplied) with heads that fit into the keyhole slots on the bottom of the base.

1. Drill two holes  $3^{15}/_{16}$  inches (100 mm) apart. Then thread a screw into each hole, letting the heads extend about  $1/8$  inch (3 mm) from the wall.
2. Plug one end of the supplied long modular cord into the **TEL LINE** jack on the back of the base.
3. Insert the supplied AC adapter's barrel plug into the **DC IN 9V** jack on the back of the base.
4. Route the adapter and modular cords through the grooves on the bottom of the base.
5. Align the base's keyhole slots with the mounting screws and slide the base downward to secure it.
6. Plug the modular cord's other end into the phone jack, and plug the adapter into a standard AC outlet.
7. Lift the base's antenna to a vertical position.

## CONNECTING/CHARGING THE BATTERY PACK

The phone comes with a rechargeable nickel-cadmium battery pack in the handset, but not connected. Before using your phone, you must connect the battery pack, then charge it for about 15–20 hours. !

1. Press down and slide off the battery compartment cover.
2. Lift the battery pack out of the compartment.
3. Plug the battery pack's connector into the socket in the compartment (the connector fits only one way), then place the battery pack in the compartment.
4. Replace the cover.

To charge the battery pack, place the handset on the base. The **CHARGE/IN USE** indicator on the base lights and **Total:00** appears on the handset display.

Recharge the battery pack when **Low Battery** flashes on the display.

If you have trouble replacing the battery pack, take the phone to your local RadioShack for assistance. ⚠ !

### Recharging the Battery Pack

- When you first use the phone after charging or recharging the battery pack, the phone might not work and you might hear an error tone when you press **TALK**. While holding **PAGE**, return the handset to the base for about 3 seconds to change the security access-protection code.

### ! IMPORTANT !

The EPA certified RBRC® Battery Recycling Seal on the nickel-



cadmium (Ni-Cd) battery indicates RadioShack is voluntarily participating in an industry program to collect and recycle these batteries at the end of their useful life, when taken out of service in the United States or Canada. The RBRC program provides a convenient alternative to placing used Ni-Cd batteries into the trash or the municipal waste stream, which may be illegal in your area. Please call 1-800-THE-SHACK (1-800-843-7422) for information on Ni-Cd battery recycling and disposal bans/restrictions in your area. RadioShack's involvement in this program is part of the company's commitment to preserving our environment and conserving our natural resources.

### ⚠ WARNING ⚠

Dispose of the old battery pack promptly and properly. Do not burn or bury it. See "Battery Safety Instructions" on Page 5 for additional information on proper battery handling.

## ! IMPORTANT !


Be sure the battery pack is properly connected before you try to charge it. The **CHARGE/IN USE** indicator lights when the handset is on the base, even if the battery pack is not connected.

- If the base loses power for about an hour while the handset is away from it, the security access-protection code might be lost. To change the code, while holding **PAGE**, return the handset to the base for about 3 seconds.
- If the battery pack becomes weak during a call, the handset beeps every 3 seconds and **Low Battery** flashes. When this happens, you cannot make a call until you recharge the battery pack.!
- If the display is blank and the phone does not work, recharge the battery pack. (The battery power might be too low to light the display.)
- About once a month, fully discharge the battery by keeping the handset off the base until **Low Battery** flashes on the display. Otherwise, the battery pack loses its ability to fully recharge.
- The handset loses its security access-protection code if the battery pack is completely discharged. While holding **PAGE**, place the handset on the base to recharge the battery pack and change the code.
- Using a pencil eraser, clean the charging contacts on the handset and base about once a month.
- If you are not going to use your phone for an extended period, disconnect the battery pack. This increases the battery pack's usable life.

- The supplied battery pack should last for about a year. If the battery pack does not hold a charge for more than 2 hours after an overnight charge, replace it with a new 3.6-volt, 600 mAh battery pack with a connector that fits the socket in the battery compartment. You can order a replacement battery pack through RadioShack. Install the new battery pack and charge it for about 15–20 hours.

## OPERATION

### MAKING AND RECEIVING CALLS

Action	Handset On Base	Handset Off Base
To answer a call	Pick up the handset (Auto Talk)  or pick up the handset and press <b>talk/FLASH</b> .	Press <b>talk/FLASH</b> , any number, <b>*/tone/◀</b> or <b>#/▶</b> keys (Auto Talk).
To make a call	1) Pick up the handset. 2) Press <b>talk/FLASH</b> . 3) Listen for the dial tone. 4) Dial the number. OR 1) Pick up the handset. 2) Dial the number, then press <b>talk/FLASH</b> .	1) Press <b>talk/FLASH</b> . 2) Listen for the dial tone. 3) Dial the number. OR Dial the number, then press <b>talk/FLASH</b> .



#### NOTE

Refer to page 17 “Setting Menu Options” to turn On the Auto Talk feature if desired.

Action	Handset On Base	Handset Off Base
To hang up	Press <b>end</b> or return the handset to the base (Auto Standby).	
To redial	1) Pick up the handset. 2) Press <b>talk/FLASH</b> . 3) Listen for the dial tone. 4) Press <b>REDIAL/PAUSE</b> . OR 1) Pick up the handset. 2) Press <b>REDIAL/PAUSE</b> , then press <b>talk/FLASH</b> .	1) Press <b>talk/FLASH</b> . 2) Listen for the dial tone. 3) Press <b>REDIAL/PAUSE</b> . OR Press <b>REDIAL/PAUSE</b> , then press <b>talk/FLASH</b> .

## ADJUSTING THE HANDSET RINGER AND EARPIECE VOLUME

### Handset ringer tone and volume

Press the volume up key or volume down key (labeled as, **VOL ▲** or **VOL ▼** keys) in standby mode to select one of five ringer tones and volume combinations. **Ring Type A High, Ring Type A Low, Ring Type B High, Ring Type B Low, or Ringer Off.**

### Earpiece volume

Pressing the volume up key or volume down key (labeled as, **VOL ▲** or **VOL ▼** keys) during a call will change the earpiece volume of the handset. This setting will remain in effect after the telephone call has ended. ☑

#### ☑ NOTE ☑

When you press volume up key (**VOL ▲**) in Maximum mode or volume down key (**VOL ▼**) in Low mode, an error tone sounds.

## Temporarily Mute Ringer

If the handset is off the base, simply press the **end** key to temporarily mute the incoming ring. The ringer will sound with the next incoming call.

## REDIAL

The **REDIAL/PAUSE** key redials the last number dialed. The redialed number can be up to 32 digits long.

## TONE DIALING SWITCH-OVER

Some telephone companies use equipment that requires pulse dialing (sometimes referred to as rotary dialing).

If you need to enter tone dialing digits, you can switch-over to tone dialing during the call. For example, entering your bank account number after you have called your bank. ☑

Initially make your call with the pulse dialing mode. Once your call connects, press the **\*/tone/◀** key. Enter the desired number. These digits will be sent as tone dialing. Once the call ends, the tone mode is canceled and pulse dialing mode resumes.

## TRAVELING OUT-OF-RANGE

During a call, as you begin to move your handset too far from your base unit, noise increases. If you pass the range limits of the base unit, your call will terminate within 1 minute.

### ☑ NOTE ☑

- The tone feature only applies when the dial mode is set to pulse.
- This special number can be stored in a memory location. This is referred to as Chain Dialing (See page 24.)

✔ **NOTE** ✔

**Page**

You can cancel paging by pressing the **PAGE** key on the base.

**Flash and Call Waiting**

You must subscribe through your local telephone company to receive Call Waiting Service.

**Voice Mail Waiting Indicator**

You must subscribe to voice mail service from your telephone company in order to use this feature. The voice mail company will provide you with the access number.

## SELECTING A DIFFERENT CHANNEL

If you encounter interference while using your phone, you can manually change the phone's channel for clear operation. This function works only when the phone is in use. Press **DELETE/CHANNEL**. "Scanning" appears on the display, indicating the phone is changing to another channel.

## PAGE

To locate the handset (while it's off the base), press **PAGE** on the base. The handset beeps for 60 seconds. Paging is canceled when pressing any key or the handset is returned to the base. ✔

## FLASH AND CALL WAITING

If you have "Call Waiting" service and a call waiting tone sounds while you are on a call, press **talk/FLASH** to accept the waiting call. There is a short pause, then you will hear the new caller. To return to the original caller, press **talk/FLASH** again. ✔

## VOICE MAIL WAITING INDICATOR

If you subscribe to voice mail service, you can use your cordless telephone to access your voice mailbox. The **CHARGE/IN USE** light on the base of your phone flashes whenever you have messages waiting in your voice mailbox. Just program the **SPEED DIAL** key with your access number and you can get your messages at the touch of a button. (The voice mail service provider will supply you with the access number. This number may be simply a phone number. Refer to the provider's literature.) ✔



You may need to occasionally reset the indicator if it remains On after you have retrieved your messages. To reset the indicator, press and hold **PAGE** for 5 second.

## SETTING MENU OPTIONS

There are five setup options available. They are Caller ID options [Auto Talk, CIDCW (Caller ID on Call Waiting), Area Code], Dial Mode and Language.

### Auto Talk

Auto Talk allows you to answer the phone without pressing the **talk/FLASH** button.

If the phone rings when Auto Talk is On, simply remove the handset from the base and the phone automatically answers the call. If the phone rings when Auto Talk is Off, you must press **talk/FLASH** to answer the call. ☑

### Caller ID options

To change your Auto Talk and CIDCW:

1. Press and hold **CID/MENU**.
2. Use **VOL ▲** or **VOL ▼** keys to move the pointer to the selection that you would like to change. Press **SELECT** to toggle between "On" and "Off" for Auto Talk and CIDCW.
3. Press **end** and return the handset to the base unit to complete the setting. The handset returns to the standby mode.

#### ☑ NOTE ☑

- The Cordless phone features include **Auto Talk** and **Auto Standby**. Auto Talk allows you to answer a call by just removing the handset from the base so you don't have to waste time pushing buttons. Auto Standby allows you to hang up by simply returning the handset to the base.



## NOTE

### Area Code

- If your calling area requires 10-digit dialing, do not program this option.
- When the area code has already been stored in memory, the stored area code will be displayed. To change it, use the **DELETE/CHANNEL** and number keys to enter the new area code.
- Then press **SELECT**. A confirmation tone sounds. To complete the setting, press **end** or return the handset to the base unit.

### Choosing the dialing mode

Make sure your battery pack is fully charged before choosing the dialing mode.

## AREA CODE

If you enter a 3-digit area code number in the Area Code option, your local area code does not appear in Caller ID messages. Do not program this option, if your calling area requires 10-digit dialing. When reviewing Caller ID messages, you will see only the local seven digit number. For calls received from outside your local area code, you will see a full 10-digit number.

1. When the phone is in the standby mode, press and hold **CID/MENU**. The Caller ID setting screen appears.
2. Press **VOL ▼** key twice to select "Area Code".
3. Press **SELECT**.
4. Use the number keys (0 - 9), or **DELETE/CHANNEL** to enter the 3-digit area code.
5. Press **SELECT**. A confirmation tone sounds and the displayed area code is entered.
6. Press **end** or return the handset to the base unit to complete the setting. The handset returns to the standby mode. ✓

### Choosing the dialing mode

Most phone systems use tone dialing which sends DTMF tones through the phone lines. However some phone systems still use pulse dialing such as in rural areas. ✓

The default setting is tone dialing. Depending on your dialing system, set the mode as follows:

1. When the phone is in the standby mode, press and hold **CID/MENU**.
2. Press **VOL ▼** key three times to select "**Dial**".
3. Press **SELECT** to toggle between "**Tone**" and "**Pulse**" for each setting.
4. Press **end** or return the handset to the base unit to complete the setting. The handset returns to the standby mode.
  - If you are not sure of your dialing system, set for tone dialing. Make a trial call.  
If the call connects, leave the setting as is, otherwise set for pulse dialing.
  - If your phone system requires pulse dialing and you need to send the DTMF tones for certain situations during a call, you may "switch-over" to tone dialing. (Refer to "Tone Dialing Switch-over" on page 15.)

## Setting the language

1. When the phone is in the standby mode, press and hold **CID/MENU**.
2. Press **VOL ▼** key four times to select "**Language**".
3. Press **SELECT** to toggle between "**Eng**" and "**Esp**" for each setting.
4. Press **end** or return the handset to the base unit to complete the setting. The handset returns to the standby mode.

## NOTE

In memory dialing operation, you must press a key within 30 seconds or the phone will return to the standby mode. If you return the handset to the base, the phone will return to the standby mode also.

## Storing Phone Numbers and Names

Memory Dialing allows you to dial a number using just a few key presses. Your cordless telephone stores up to 20 names/numbers in the handset.

1. Press **MEM**, "**Select Memory**" is displayed.
2. Press **VOL ▲** or **VOL ▼** keys, or enter a number (01 - 20) to select the memory location where you would like to store the number.
3. Press **MEM** or **SELECT**.
4. Press **MEM** or **SELECT**. A cursor flashes indicating that the display is ready for the name to be entered.

If "**Edit Memory X X**" appears, the selected memory location is already stored. Then you must either edit the entry in this location, delete the entry in this location, or select "**Go Back**" to choose another location.

5. To enter a name (up to 13 characters), use the number keys.
  - See the "Steps for entering names and special characters". (See page 22).
  - Use **#/▶** and **\*/tone/◀** keys to move the cursor to the desired location.
  - Use **DELETE/CHANNEL** to delete characters as needed.
  - Press and hold **DELETE/CHANNEL** to delete all the characters.

- If a name is not required, go to step 6.
6. Press **MEM** or **SELECT**. "Store Number" is displayed.

The cursor flashes indicating that the display is ready for the number to be entered.

7. Use the number keys to enter the phone number.
  - The phone number cannot exceed 20 digits.
  - Use **REDIAL/PAUSE** to enter a pause in the dialing sequence. The display shows a "P". Each pause counts as one digit and represents a two second delay of time between the digits. ☑
  - Use **DELETE/CHANNEL** to delete digits as needed.
8. Press **MEM** or **SELECT**. You will hear a confirmation tone. ☑

Memory storage is complete.

For example, if you store a name and number into memory location number 01, the display shows "Memory01 Stored".

Repeat steps 2 - 8 to store more numbers.

9. Press **end** to return to the standby mode.

**NOTE****Storing Phone Numbers and Names**

The pause feature is useful for long distance calling, credit card dialing, or sequences that require a pause between digits.

**NOTE**

### Steps for Entering Names and Special Characters

If the next character uses the same number key, you must press #► to move the cursor over. Otherwise the next time you press the number key, it changes the character that was previously set.

## STEPS FOR ENTERING NAMES AND SPECIAL CHARACTERS

Refer to the letters on the number keys to select the desired characters.

With each press of a numeric key, the displayed character appears in the following order: Upper case letters first, lower case letters next and finally the number corresponding to the key. ↙

keys	Number of times key is pressed								
	1	2	3	4	5	6	7	8	9
1	I								
2abc	A	B	C	a	b	c	2		
3def	D	E	F	d	e	f	3		
4ghi	G	H	I	g	h	i	4		
5jkl	J	K	L	j	k	l	5		
6mno	M	N	O	m	n	o	6		
7pqrs	P	Q	R	S	p	q	r	s	7
8tuvw	T	U	V	t	u	v	8		
9wxyz	W	X	Y	w	x	y	z	9	
0	*	#	-	&	<	>	(blank)	0	

For example, to enter Movies.

1. Pick up the handset. Press **MEM**.
2. Enter a number or press **VOL ▲** or **VOL ▼** keys to select a memory location.
3. Press **MEM** or **SELECT**.
4. Press **MEM** or **SELECT**. (When there is information already stored in the selected memory location, "Edit MemoryXX" is displayed. See page 24 for information on "Editing a Stored Name and/or Phone Number".)
5. Press 6 then press #► to move the cursor to the right.
6. Press 6 six times.
7. Press 8 six times.
8. Press 4 six times.

9. Press 3 five times.
10. Press 7 eight times.
11. When finished, press **MEM** or **SELECT**.

To continue to store the telephone number, proceed to step 7 on page 21.

### If you make a mistake while entering a name

Use **\*/tone/◀** or **#/▶** keys to move the cursor to the incorrect character.

Press **DELETE/CHANNEL** to erase the wrong character, then enter the correct character.

To delete all characters, press and hold **DELETE/CHANNEL**.

## MAKING CALLS WITH MEMORY DIALING

### Memory dialing from Standby Mode

1. Press **MEM**. The handset displays your programmed memory locations.
2. Press **VOL ▲** or **VOL ▼** keys, or enter the number (01 - 20) to select the memory location you would like to dial. ☑
3. Press **talk/FLASH**. "Talk" and the volume setting appear on the display. Then the displayed number is dialed. ☑

### Memory dialing from Talk Mode

1. Press **talk/FLASH**. "Talk" and the volume setting appears.
2. Press **MEM**.



#### NOTE

#### Memory dialing from Standby Mode

- If you press **SELECT** before **talk/FLASH**, you can confirm the name and the number stored in the selected memory location.
- To exit the memory function without dialing, press **end**. The handset returns to the standby mode.
- Whenever you are using a memory menu screen, you must press a key within 30 seconds or the phone will return to the standby mode.



## NOTE

### **Memory dialing from Talk Mode**

If you select a memory location that does not have a stored number, the phone will not dial.

3. Press **VOL ▲** or **VOL ▼** keys, or enter a number (**01 - 20**) to select the memory location of the desired phone number. The selected name is displayed. ✓
4. The phone number in the memory will be dialed when the **SELECT** key is pressed.
5. To hang up, press **end**.

## CHAIN DIALING

The memory locations on the handset are not limited to phone numbers. You can also store a group of numbers (up to 20 digits) that you need to enter once your call connects. This is referred to as Chain Dialing.

An example of this is a bank account number. Once you have called your bank, and are prompted to enter the account number, press **MEM** and select the location number where the special number has been stored, then press **SELECT**.

Store your special number with an identifying name. (Refer to “Storing Phone Numbers and Names” on page 20.)

## EDITING A STORED NAME AND/OR PHONE NUMBER

1. Press **MEM**, “**Select Memory**” is displayed.
2. Press **VOL ▲** or **VOL ▼** keys, or enter a number (**01 - 20**) to select the memory location you would like to edit, and press **MEM** or **SELECT**.



3. Press **MEM** or **SELECT**. The screen appears with the memory location number that you have selected in the display.
4. Press **VOL ▲** or **VOL ▼** keys to select "**Edit MemoryXX**", then press **MEM** or **SELECT**. The cursor flashes indicating that the display is ready for the name to be edited. When a name has not been stored, the cursor appears at the beginning of the second line.
5. Use the number keys, **\*/tone/◀**, **#▶** keys, or **DELETE/CHANNEL** to edit the name. (See page 22.) To edit only the phone number, skip this step.
6. Press **MEM** or **SELECT**. The cursor flashes indicating that the display is ready for the number to be edited.
7. Use the number key, **REDIAL/PAUSE** or **DELETE/CHANNEL** to edit the phone number. The phone number cannot exceed 20 digits. (See page 24.)

If you don't want to change the phone number, skip this step.

8. Press **MEM** or **SELECT**. If you changed either name or phone number, a confirmation display shows up. If it is correct, press **VOL ▲** key to select "**Yes**" and press **SELECT**. You hear a confirmation tone. The memory storage is complete.

For example, if you store a name and number into memory location number 01, the display shows "**Memory01 Stored**". After about 2 seconds, Select Memory Screen is displayed.

9. Press **end** to return to the standby mode.

## ERASING A STORED NAME AND PHONE NUMBER

1. Press **MEM**, "Select Memory" is displayed.
2. Press **VOL ▲** or **VOL ▼** keys, or enter a number (01 - 20) to select the memory location you would like to erase.
3. Press **MEM** or **SELECT**.

The screen appears with the memory location number that you have selected in the display.

4. Press **MEM** or **SELECT**.
5. Press **VOL ▼** key to move the pointer down to "Delete MemoryXX".
6. Press **MEM** or **SELECT**. The confirmation screen appears.
7. Press **VOL ▲** key to move the pointer to "Yes".
8. Press **SELECT** or **DELETE/CHANNEL**.

You hear a confirmation tone.

9. After about 2 seconds, the display returns to the Select memory screen. You may delete the information in another memory location (return to step 2) or press **end** to return to the standby mode.

## TESTING STORED EMERGENCY NUMBERS

If you store an emergency service's number (police department, fire department, ambulance) and you choose to test the stored number, make the test call during the late evening or early morning hours to avoid peak demand periods. Also, remain on the line to explain the reason for your call.

## ONE-TOUCH SPEED DIAL

You can store your most frequently dialed number in the SPEED DIAL location. The One-touch speed dial allows you to dial a number with one key press. (There is no need to press **talk/FLASH**. The phone will automatically dial the number stored.)

## STORING AND EDITING THE SPEED DIAL

1. When the phone is in the standby mode, press and hold **SPEED DIAL**.

If "**Edit Number**" appears, there is a number already stored. Press **VOL ▲** or **VOL ▼** keys to select "**Edit Number**", then press **SELECT**.


2. Store the number by following step 7 under "Storing Phone Numbers and Names" on page 21.
3. Press **SELECT**.

You hear a confirmation tone. Memory storage is complete.

 **NOTE** 

- Number stored in **SPEED DIAL** is independent from the numbers stored in **Memory Dial**.
- If the **SPEED DIAL** does not have a stored number, the handset will beep rapidly and the phone will not dial.

## MAKING CALLS WITH THE SPEED DIAL

When the phone is in the standby mode, simply press **SPEED DIAL**. The number stored in the **SPEED DIAL** memory location is instantly dialed. 

## DELETING THE SPEED DIAL

1. When the phone is in the standby mode, press and hold **SPEED DIAL**.
2. Press **VOL ▲** or **VOL ▼** keys to select "**Delete Number**".
3. Press **SELECT**.
4. Press **VOL ▲** key to move the pointer to "**Yes**".
5. Press **SELECT** or **DELETE/CHANNEL**.

You hear a confirmation tone. After about 2 seconds, the handset returns to the standby mode.

## CALLER ID

**You must subscribe to Caller ID service to use this feature.**

When the telephone rings, the Caller ID feature allows you to view the caller's name and phone number on the display before you answer the phone. The handset displays the phone number of the incoming call, the name, and time. Additionally, you can dial the displayed number and store the information for memory dialing. Make sure you have turned on the Caller ID/Call Waiting feature. (See page 17.)

## WHEN THE TELEPHONE RINGS

1. When the Caller ID message is received, the display shows the caller's phone number along with the date and time. The incoming call information is stored in the Caller ID record. If the Caller ID service includes the caller's name, the caller's name appears on the display (up to 15 letters).✂

You may receive any one of the following messages:

When invalid data is received	"Incomplete Data"
When a private name is received	"Private Name"
When a private number is received	"Private Number"
When a unknown name is received	"Unknown Name"
When a unknown number is received	"Unknown Number"

2. When you pick up the phone, the display changes to "**Talk**". (Auto Talk feature is set to on.)

### ✂ NOTE ✂

- If you answer a call before the Caller ID message is received (Example: before the second ring), the Caller ID message will not appear.
- When the call is received via a telephone company that does not offer Caller ID service, the caller's phone number and name do not appear. (This includes international calls.)
- When the call is via a private branch exchange (PBX), the caller's phone number and name may not appear.
- Data errors appear as "■".

**NOTE****Viewing the Caller ID Message List**

- In Caller ID operation, if no key is pressed for more than 30 seconds, an error tone sounds and the telephone returns to the standby mode.
- If a call comes in via a telephone system that does not offer Caller ID service, no information is stored.
- Each message can be up to 15 characters for the phone number and the name.
- The number of calls from the same Caller ID appears next to the received time. Once you view the new message, the number will disappear.

**Deleting a Caller ID message**

While using the "Delete All?" or "Delete Message?" screen if no key is pressed for more than 30 seconds, an error tone sounds and the telephone returns to the standby mode.

## VIEWING THE CALLER ID MESSAGE LIST

The Caller ID list stores information for up to 30 incoming calls - even unanswered calls.



1. Press **CID/MENU**.



The summary screen appears. The screen shows the number of new messages and total messages.

2. Press **VOL ▼** key to display the latest Caller ID message.
3. Press **VOL ▼** key to see the next message. Or press **VOL ▲** key to see the previous message.
4. Press **end** to return to the standby mode.

## DELETING INFORMATION FROM THE CALLER ID LIST

The cordless phone stores up to 30 messages. If the phone receives the 31st message, the oldest one in the list is automatically deleted and the newest is stored. Caller ID data can also be deleted manually.

### Deleting a Caller ID message

1. Press **CID/MENU**. Display the message to be deleted from the Caller ID list by pressing **VOL ▲** or **VOL ▼** keys. 
2. Press **DELETE/CHANNEL**.
3. Press **VOL ▲** or **VOL ▼** keys to select "Yes" or "No". 
4. Press **SELECT** or **DELETE/CHANNEL**.

**When the pointer is at "Yes":**

A tone sounds and the Caller ID message is deleted. The next Caller ID message is then displayed.

**When the pointer is at "No":**

The display returns to the Caller ID message.

**Deleting all Caller ID names/numbers**

1. Press **CID/MENU**.
2. Press **DELETE/CHANNEL**.
3. Press **VOL ▲** or **VOL ▼** keys to select "Yes" or "No".
4. Press **SELECT** or **DELETE/CHANNEL**.

**When the pointer is at "Yes":**

A tone sounds and all stored Caller ID messages are deleted.

**When the pointer is at "No":**

The display returns to the summary screen.

**USING THE CALLER ID LIST****Calling a party from the Caller ID list**

You can place a call from the Caller ID list. The cordless phone stores up to 30 messages.

1. Press **CID/MENU**. Select the phone number that you want to dial by pressing **VOL ▲** or **VOL ▼** keys.
2. Press **talk/FLASH**. The displayed phone number dials automatically.

**NOTE****Deleting a Caller ID message**

If you get an incoming call or page, the deleting operation is canceled and the telephone returns to the standby mode so you can answer the call or page.

**Deleting all Caller ID names/numbers**

You cannot make a call from the Caller ID list if your cordless telephone is connected to a private branch exchange (PBX).

**Calling a party from the Caller ID list**

You can place a call from talk mode.

Press **talk/FLASH**, then press **CID/MENU**.

Select the phone number that you want to dial by pressing the **VOL ▲** or **VOL ▼** key. Press **SELECT**.

The displayed phone number will be dialed.


 **NOTE** **Long Distance calls and Area Code Setting/Cancellation**

When a long distance call has been set, "1" appears in the display.


**Storing Caller ID Messages in Memory dialog**

- You cannot store a Caller ID message if no phone number appears in the message.
- If a message has already been stored in the selected memory number location, a confirmation screen is displayed. Press **VOL ▲** key to select "Yes". Press **SELECT** to overwrite. The display returns to the Caller ID list.

**Long Distance calls and Area Code Setting/Cancellation**


Pressing 1 while the incoming Caller ID information is displayed (in step 1) will place the prefix "1" in the display to set up for a long distance call. Pressing 3 will set or cancel an area code setting. 

**Storing Caller ID messages in Memory dialing**

Messages shown in the Caller ID list can be stored in memory dialing. Using the incoming call information (i.e., Caller ID list), the phone number of the party on the Caller ID list can be stored in memory. 

1. Press **CID/MENU**.

Select the phone number to be stored from the Caller ID list by pressing **VOL ▲** or **VOL ▼** keys.


2. Press **MEM**.
3. Press **VOL ▲** or **VOL ▼** keys or enter a number (01 - 20) to select the memory location to be stored. 
4. Press **SELECT**.

You hear a confirmation tone, and the number is stored in memory. The display returns to the Caller ID list.



## USING A HEADSET

You can make or answer calls with hands-free convenience using an optional headset that has a  $\frac{3}{32}$ -inch (2.5-mm) plug. RadioShack has a variety of headsets available.

To connect the headset, gently flip open the rubber headset jack cover on the side of the handset, then insert the headset's plug into the jack. 

Connecting a headset disconnects the handset's earpiece and microphone.

▲ or ▼ on the handset also controls the headset's volume.

With a headset connected, you can make or answer calls as usual using the keys on the handset.

When you finish using the headset, disconnect it from the handset and close the rubber cover to protect the jack.

### **NOTE**

- If you place the handset on the base to recharge it while the headset is connected, be sure the handset seats properly.
- You can use a headset holder (available from your local RadioShack store) to hang the handset on your belt for greater convenience when using a headset.

# TROUBLESHOOTING

If your phone is not performing to your expectations, please try these simple steps first

Problem	Solution
The <b>CHARGE/IN USE</b> LED won't illuminate when the handset is placed in the base.	<ul style="list-style-type: none"><li>• Make sure the AC adapter is plugged into the base and wall outlet.</li><li>• Make sure the handset is properly seated in the base.</li><li>• Make sure the charging contacts on the handset and base are clean.</li></ul>
The audio sounds weak and/or scratchy.	<ul style="list-style-type: none"><li>• Make sure that the base antenna is in a vertical position.</li><li>• Move the handset and/or base to a different location away from metal objects or appliances and try again.</li><li>• Press <b>DELETE/CHANNEL</b> to help eliminate background noise.</li><li>• Make sure that you are not too far from the base.</li></ul>
Can't make or receive calls.	<ul style="list-style-type: none"><li>• Check both ends of the base telephone line cord.</li><li>• Make sure the AC adapter is plugged into the base and wall outlet.</li><li>• Disconnect the AC adapter for a few minutes, then reconnect it.</li><li>• Change the digital security code (see page 11).</li><li>• Make sure that you are not too far from the base.</li></ul>
The handset doesn't ring or receive a page.	<ul style="list-style-type: none"><li>• The battery pack may be weak. Charge the battery for 15-20 hours.</li><li>• The handset may be too far away from the base unit.</li><li>• Place the base unit away from appliances or metal objects.</li><li>• Change the digital security code (see page 11).</li></ul>
Severe noise interference.	<ul style="list-style-type: none"><li>• Keep the handset away from microwave ovens, computers, remote control toys, wireless microphones, alarm systems, intercoms, room monitors, fluorescent lights, and electrical appliances.</li><li>• Move to another location or turn off the source of interference.</li></ul>

Problem	Solution
The Caller ID does not display.	<ul style="list-style-type: none"> <li>• The handset was picked up before the second ring.</li> <li>• The call was placed through a switchboard.</li> <li>• Call your local telephone company to verify your Caller ID service is current.</li> <li>• Charge the handset.</li> </ul>
Voice Message Indication does not work.	<ul style="list-style-type: none"> <li>• Contact your local telephone company to make sure that your telephone receives FSK message signaling.</li> </ul>

If you still have problems, disconnect the phone. If other phones on the same line work properly, the fault is in this phone or its installation. If you cannot find the problem, take the phone to your local RadioShack store for assistance.

## CARE

Keep the phone dry; if it gets wet, wipe it dry immediately. Use and store the phone only in normal temperature environments. Handle the phone carefully; do not drop it. Keep the phone away from dust and dirt, and wipe it with a damp cloth occasionally to keep it looking new.

## SERVICE AND REPAIR

If your phone is not performing as it should, take it to your local RadioShack store for assistance. Modifying or tampering with the phone's internal components can cause a malfunction and might invalidate its warranty and void your FCC authorization to operate it.

## Limited One-Year Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for one (1) year from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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